IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A <u>heat exchanger for a seawater desalination plant</u>
which comprises a titanium alloy material, wherein the titanium alloy material comprises
eomprising:

a Ti-Al alloy comprising 0.50 - 3.0 mass% of Al, Ti and unavoidable impurities;

an oxide film on the Ti-Al alloy; and

an Al concentration layer between the Ti-Al alloy and the oxide layer,

wherein:

the oxide film has a thickness of 1.0 - 100 nm;

the oxide film comprises 50 mass% or more of a crystalline oxide, the film being produced by a process comprising oxidizing the Ti-Al alloy;

the Al concentration layer has an average Al concentration in a range of from 0.8-25 0.8-6 mass%;

the Al content between the Ti-Al alloy and the oxide layer is 25% or less 0.8-6 mass%; and

the Al concentration of the Al concentration layer is 0.3 mass% or more higher than an Al concentration of the Ti-Al alloy.

Claim 2 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u>
which comprises the titanium alloy material according to Claim 1, wherein

the unavoidable impurities comprise Fe, Mo, Ni, Nb and Mn; and

the content of each of Fe, Mo, Ni, Nb and Mn in the Ti-Al alloy is

Fe: 0.15% 0.15 mass% or less,

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Mo: less than 0.10% 0.10 mass%,

Ni: less than 0.20% 0.20 mass%,

Nb: less than 1.0% 1.0 mass% and

Mn: less than 1.0% 1.0 mass%.

Claims 3-6 (Canceled)

Claim 7 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material according to Claim 1, wherein the Al concentration layer has a thickness of $0.10 - 30 \mu m$.

Claim 8 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material of Claim 1 in contact with a steel member.

Claim 9 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material according to Claim 1, wherein the crystalline oxide comprises Brookite.

Claim 10 (Canceled).

Claim 11 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material according to Claim 1, wherein the Al concentration layer has an average Al concentration in a range of from 3.45-25 3.45-5.92 mass%.

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Claim 12 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material according to Claim 11, wherein the crystalline oxide comprises Brookite.

Claim 13 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u>
which comprises the titanium alloy material according to Claim 1, wherein the Ti-Al alloy
consists of

0.50 - 3.0 mass% of Al, and

a balance of Ti and unavoidable impurities.

Claim 14 (Canceled).

Claim 15 (Withdrawn): A method of making a titanium alloy material, the method comprising

oxidizing a Ti-Al alloy comprising

0.50 - 3.0 mass% of Al, and

a balance of Ti and unavoidable impurities; and

producing the titanium alloy material of Claim 1.

Claim 16 (Currently Amended): The <u>heat exchanger for a seawater desalination plant</u> which comprises the titanium alloy material according to Claim 1, wherein the Ti-Al alloy comprises:

1.0 - 2.5 mass% of Al, and

a balance of Ti and unavoidable impurities.

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Claims 17-18 (Cancelled).